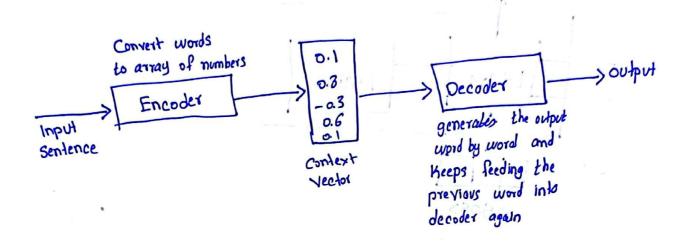
### Encoder Decoder

# -> Simple Working



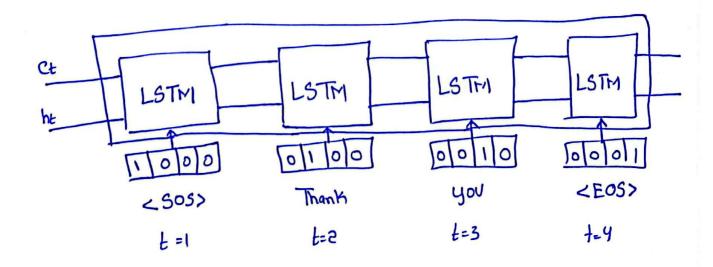
## >Use Cases

- 1) Language Translation
- @ Text Generation
- 3 Text Suggestion

# -> Sequence-to-Sequence (Seq 2seq)

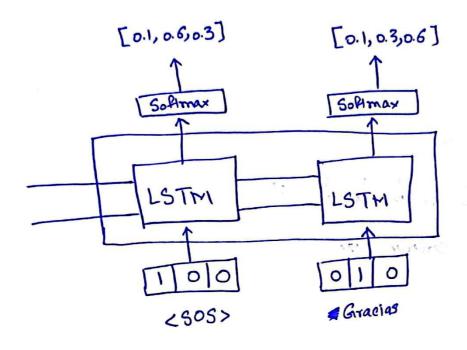
#### > Encoder

Text: Thank you



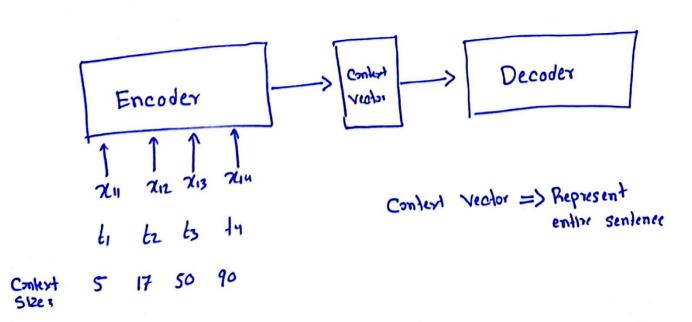
### > Decoder

English: Thank you -> French: Gracias



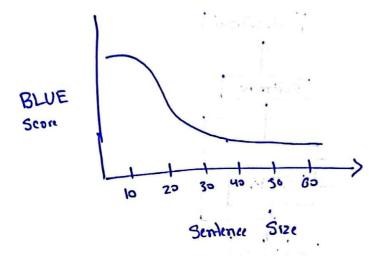
$$y \qquad \begin{bmatrix} ---1 \\ ---\end{bmatrix} \qquad \begin{bmatrix} ---1 \\ ---\end{bmatrix} \qquad \text{ and } \qquad \text{ and$$

-> Problems with Encoder Decoder Seg25eg Architecture



Scanned with CamScanner

Length of Sentence Varies



To solv

> Solution:

realistic regar

Attention Mechanism

Longer Paragraph -> Context Vector

Additional Confort